

T H E H E A L T H

of the

RURAL DISTRICT OF

L U T T E R W O R T H

Leicestershire



1960

The ANNUAL REPORT
of the Medical Officer of Health
and the Chief Public Health Inspector

RURAL DISTRICT OF LUTTERWORTH

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

ANDREW C. ROSS, M.B., Ch.B., D.P.H.

together with the

ANNUAL REPORT

of the

CHIEF PUBLIC HEALTH INSPECTOR

H.G. McNAUGHT, M.I.Mun.E., A.M.P.T.I., M.R.S.H.

for the

YEAR 1960

LUTTERWORTH RURAL DISTRICT COUNCIL

Public Health Committee 1960

E.H. Illson, Chairman

W.P. Cooke, Vice-Chairman

L.G.W. Pickering, Chairman of the Council (ex-officio)

G. Bassett, Vice-Chairman of the Council (ex-officio)

A. Barclay

J.A. d'O.Reynolds

H.I. Drake

T. Stevens

B.J. Marshall

C.E.V. Wild

B. M'Quillin

J.G. Williams

Mrs. A. Notley

J.L. Wright

The Revd. W.H. Pearce-Batten

PUBLIC HEALTH DEPARTMENT

Officers and Staff

Medical Officer of Health:

A.C. Ross, M.B., Ch.B., D.P.H.

Surveyor and Chief Public Health Inspector:


H.G. McNaught, M.I.Mun.E., A.M.T.P.I., M.R.S.H.

Additional Public Health Inspector:

K.C. Brooke, Cert.R.S.I. & S.I.E.J.B., Dip.R.I.P.H. & H.

Clerk (Part-Time):

Mrs. B.M. Laughton.



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To the Chairman and Members of
Lutterworth Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting the Annual Report on the Health of the District for the year 1960.

The Vital Statistics are commented upon in the relevant sections of the report.

The incidence of infectious disease gave rise to no concern as it was at a low level during the year.

I wish to thank Mr. McNaught and the staff of the Public Health Department for their help during the year, and also to express my indebtedness to the Public Health Committee for their support.

I am Mr. Chairman, Ladies and Gentlemen,

Yours obediently,

Andrew C. Ross

Medical Officer of Health

VITAL STATISTICS

BIRTHS

Live Births

	Males	Females	Total
Legitimate	98	102	200
Illegitimate	3	5	8
Totals	101	107	208

BIRTH RATE

15.5 per 1,000 population

1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
14.9	14.9	14.1	16.4	19.3	21.1	17.9	20.0	21.6	20.5	17.9

1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
17.9	17.0	16.2	16.6	16.0	13.8	14.2	14.7	17.1	16.1	15.5

The birth rate for England and Wales for 1960 was 17.1 per 1,000 population.

DEATHS

	Males	Females	Total
Deaths from all causes	71	72	143

CRUDE DEATH RATE

10.6 per 1,000 estimated population

1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
12.7	12.5	13.0	10.8	14.2	11.7	11.0	12.4	10.0	11.5	11.9

1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
11.0	11.1	13.8	11.7	11.8	12.5	12.3	11.3	9.8	9.7	10.6

The Commonest causes of death were:-

	<u>Total</u>
1) Cancer	24
2) Diseases of the heart and circulation	59
3) Vascular lesions of the nervous system	18

Motor vehicle accidents accounted for 3 deaths. They were responsible for 4 in 1959.

There were no deaths from pregnancy.

Cancer Mortality Rate (all forms)
taken in triennial periods - per
1000 population

1931 - 33	1.9	1946 - 48	1.3
1934 - 36	1.7	1949 - 51	1.9
1937 - 39	1.8	1952 - 54	1.4
1940 - 42	1.7	1955 - 57	1.7
1943 - 45	1.4	1958 - 60	1.5

Infant Deaths (under 1 year of age)

	Males	Females	Total
Legitimate	0	3	3
Illegitimate	0	0	0
Totals	0	3	3

Infant Mortality Rate

14.4 per 1,000 live births.

21.7 per 1,000 live births - England and Wales.

1931	1934	1937	1940	1943	1946	1949	1952	1955	1958
-33	-36	-39	-42	-45	-48	-51	-54	-57	-60
54	40	47	49	32	29	29	24	24	17

Infant Deaths (under 4 weeks of age)

	Males	Females	Total
Legitimate	-	3	3
Illegitimate	-	-	-
Totals	-	3	3

Neonatal Death Rate

14.4 per 1,000 live births.

Still Births

	Males	Females	Total
Legitimate	2	1	3
Illegitimate	-	-	-
Totals	2	1	3

The Still Birth Rate for Lutterworth Rural District is 14.2 per 1,000 births (live and still)

Still Birth Rate for England and Wales is 19.7 per 1,000 births (live and still).

Increase of Births over Deaths

1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
23	23	12	64	57	102	75	83	140	114	72
1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
81	70	29	58	50	16	20	42	91	73	65

VACCINATION AND IMMUNISATION

The table below shows the number of children immunised against Diphtheria for the year 1960.

	Primary			Re-immunised
	Under 5 years	5-14 years	Total	
1950	143	12	155	60
1951	137	12	149	90
1952	144	5	149	66
1953	139	4	143	126
1954	154	3	157	106
1955	123	4	127	101
1956	117	5	122	84
1957	111	2	113	93
1958	186	10	196	122
1959	151	5	156	115
1960	175	17	192	101

The following table gives the figures for B.C.G. Vaccination. It is offered to selected groups of school children between the ages of 13-14 years.

	No. of Pupils Elegible	No. of Consents	No. Skin Tested	No. Positive	No. Negative	No. Given B.C.G.
Lutterworth Grammar School	66	62	60	15	45	45
Lutterworth Secondary Modern School	123	81	75	18	57	57

Tuberculosis

Three cases of pulmonary tuberculosis were notified during the year. There were no cases of non-pulmonary tuberculosis.

Total Cases of Tuberculosis
remaining on Register

	Pulmonary		Other Forms of Tuberculosis	
	Male	Female	Male	Female
Total on Register at 31st December 1960	27	11	4	3

By referring to this table the total cases receiving treatment or under supervision can be seen.

GENERAL STATISTICS - 1960

Area of District	46,733
Population (Estimated Mid-Year)	13,390

DEATH FROM ALL CAUSES

	1960		
	Males	Females	Total
1.Tuberculosis, respiratory	0	0	0
2.Tuberculosis, other	0	0	0
3.Syphilitic disease	0	0	0
4.Diphtheria	0	0	0
5.Whooping Cough	0	0	0
6.Meningococcal infections	0	0	0
7.Acute Poliomyelitis	0	0	0
8.Measles	0	0	0
9.Other infective & parasitic diseases	0	0	0
10.Malignant neoplasm, stomach	1	1	2
11.Malignant neoplasm, lung, bronchus	7	0	7
12.Malignant neoplasm, breast	0	1	1
13.Malignant neoplasm, uterus	0	0	0
14.Other malignant & lymphatic neoplasms	8	6	14
15.Leukaemia, aleukaemia	0	1	1
16.Diabetes	0	1	1
17.Vascular lesions of nervous system	9	9	18
18.Coronary disease, angina	12	8	20
19.Hypertension with heart disease	6	2	8
20.Other heart disease	14	15	29
21.Other circulatory disease	1	1	2
22.Influenza	0	0	0
23.Pneumonia	2	10	12
24.Bronchitis	2	0	2
25.Other diseases of respiratory system	0	1	1
26.Ulcer of stomach and duodenum	1	0	1
27.Gastritis, enteritis & diarrhoea	0	2	2
28.Nephritis and nephrosis	0	1	1
29.Hyperplasia of prostate	0	0	0
30.Pregnancy, childbirth, abortion	0	0	0
31.Congenital malformations	0	1	1
32.Other defined & ill-defined diseases	2	8	10
33.Motor vehicle accidents	2	1	3
34.All other accidents	4	3	7
35.Suicide	0	0	0
36.Homicide & operations of war	0	0	0
TOTAL	71	72	143

INFECTIOUS DISEASES

PREVALENCE OF INFECTIOUS DISEASES

Total number of cases of Infectious Diseases
notified during the year 1960

NOTIFIABLE DISEASE	Number of Cases Notified at Ages								TOTAL DEATHS
	At all ages	Under 1 year	1- 5 yrs	5- 15 yrs	15- 25 yrs	25- 45 yrs	45- 65 yrs	65 & up- wards	
Scarlet Fever	4	-	1	3	-	-	-	-	0
Whooping Cough	9	1	2	6	-	-	-	-	0
Diphtheria	0	-	-	-	-	-	-	-	0
Measles	6	-	1	4	1	-	-	-	0
Pneumonia	5	-	1	-	-	-	3	1	12
Meningococcal Infection	0	-	-	-	-	-	-	-	0
Poliomyelitis	0	-	-	-	-	-	-	-	0
Dysentery	0	-	-	-	-	-	-	-	0
Ophthalmia Neonatorum	0	-	-	-	-	-	-	-	0
Puerperal Pyrexia	0	-	-	-	-	-	-	-	0
Enteric Fever	0	-	-	-	-	-	-	-	0
Food Poisoning	1	-	-	1	-	-	-	-	0
Erysipelas	0	-	-	-	-	-	-	-	0
Pulmonary Tuberculosis	3	-	-	-	1	2	-	-	0
Other forms of Tuberculosis	0	-	-	-	-	-	-	-	0

Infectious Diseases (other than Tuberculosis)

Average per Year in Triennial Periods

	1937 - 1939	1940 - 1942	1943 - 1945	1946 - 1948	1949 - 1951	1952 - 1954	1955 - 1957	1958 - 1960
Smallpox	-	-	-	-	-	-	-	-
Scarlet Fever	9	10	11	9	5	2	4	4
Whooping Cough	-	3	13	8	22	32	18	17
Diphtheria	2	8	0.3	-	-	-	-	-
Measles	-	3	38	65	115	56	162	57
Pneumonia	13	3	9	9	4	14	13	5
Meningococcal Infection	-	1	-	-	-	0.3	0.6	-
Poliomyelitis	0.3	-	-	0.7	1	0.3	1	-
Dysentery	-	-	-	-	-	2	17	-
Ophthalmia Neonatorum	1	-	-	-	-	-	-	-
Puerperal Pyrexia	3	-	1	0.3	0.3	1	-	-
Enteric Fever	-	0.3	-	-	-	-	-	-
Food Poisoning	-	-	-	-	-	0.3	1	-
Erysipelas	3	0.3	0.7	0.7	0.3	2	1.3	-

Poliomyelitis

There were no cases for the year under review.

Sewerage and Sewage Disposal

The Ministry of Health have asked the Medical Officer of Health in his Annual Report for 1960 to indicate whether the arrangements for sewerage and sewage disposal in the District are reasonably adequate.

Compared with the adjacent Rural District of Blaby the Lutterworth District is well behind with its sewage disposal. However progress will be made this year with the completion of the scheme for Broughton Astley and the adjacent parishes of Dunton Bassett, Ashby Magna, Leire and Ashby Parva. After this the next scheme to be submitted during 1961 to the Ministry for Approval will be one for the villages of Gilmorton, Kimcote and Walton. This will be followed by a scheme for Walcote village.

These schemes will represent a substantial improvement in the environmental circumstances of the area.

Water Supply

The water going into supply at Misterton is tested daily for the presence of free chlorine. Once a fortnight samples of both the raw and treated water are sent to the analyst for bacteriological examination.

There is no plumbo-solvent action of the water.

The number of parishes with piped water supply from public mains is 29.

Particulars of water supply to dwelling houses are given below:-

Mains Water Supply		Mains Water from External Stand-pipes		Well Water	
No. of Dwelling Houses	Population	No. of Dwelling Houses	Population	No. of Dwelling Houses	Population
3,505	11,216	84	268	505	1,616

Water Supply from Wells

No. of samples taken for analyses:- 10

Satisfactory		Unsatisfactory	
Chemical	Bacteriological	Chemical	Bacteriological
Nil	1	1	8

Number of wells closed - 1

Number of wells cleared - 3

REPORT

of the

CHIEF PUBLIC HEALTH INSPECTOR

for the

YEAR

1960

Mr. Chairman, Lady and Gentlemen,

I wish to submit a short report on the work of the Health Department during the year 1960.

HOUSING

New Dwellings

During the year the Council completed 40 new houses and 54 were completed by private enterprise. On 31st December 1960 there were 65 houses in course of erection, 33 of which were being erected by the Council.

HOUSING ACT 1936 & HOUSING REPAIRS & RENT ACT, 1954

During the year 4 houses were demolished as being unfit for human habitation, six families being affected and 16 persons were displaced. In addition ten hutments on a de-requisitioned camp were partly dismantled, ten families being involved and 33 persons displaced. Closing Orders were served in 16 cases involving 15 families and 41 persons. Only one house was rendered fit during the year.

HOUSING ACT 1949 and 1952

The Council have continued to make Discretionary Grants and during the year 32 new grants were made, and during the same period work on 34 dwellings was completed. There were also 19 Standard Grants approved and in 17 cases were satisfactorily completed.

WATER SUPPLY

The City of Leicester Water Department finally took over the whole of the water undertaking during the year and the Agency Agreements for the operation of the undertaking were discontinued. Arrangements for the collection of water charges, etc. are still being undertaken by the Council.

SEWERAGE & SEWAGE DISPOSAL

The work of providing sewers for Broughton Astley and the adjacent parishes made satisfactory progress and sewer laying continued in Leire, Dunton Bassett and Ashby Parva.

CONVERSIONS

The Council have continued to give grants for the conversion of pan closets to the water carriage system and 50 grants of £10 were paid during the year.

LOSS OF POTASSIUM CYANIDE

An unusual incident occurred in Ashby Parva when three drums of potassium cyanide fell from a lorry passing through the village and the contents were spilled onto the carriageway.

Unfortunately the Public Health Department was not notified and the cyanide was washed off the road into the roadside drains, which discharge into ditches and thence to a water-course to which cattle and other livestock had access.

The bulk of the material was however retained in the road gully pots and it was possible to have these pumped out and the material neutralised before being finally disposed of on the refuse tip.

The Ministry of Housing and Local Government were kept informed of the incident and two officers spent a few days in the district superintending the operation, and on their advice wells and other sources of water were sampled weekly for some six weeks after the cyanide had been disposed of as it was thought that underground sources might be polluted. These fears proved to be unfounded and no polluted samples were discovered.

SLAUGHTERHOUSES

In accordance with the Slaughterhouse Act 1958 and the (Hygiene and Prevention of Cruelty) Regulations 1958 a meeting of interested parties was held in October. These included representatives from the retail butchers, the wholesale meat trade, National Farmers' Union, Livestock Auctioneers and the Co-operative movement. As a result of this meeting it was ascertained that 8 of the 9 slaughterhouses in the district could be made to comply with the Act within a reasonable time, only one slaughterhouse could not comply by reason of its location and the extent of the improvement works required to bring it up to standard. The report required by the Ministry was forwarded on 1st November and was subsequently approved by then.

During the year almost 100% of animals slaughtered in the area has been carried out and details of this is as follows:-

	Cattle excl. cows	Cows	Calves	Sheep and Lambs	Pigs	Total weight in lbs.
Number killed (if Known)	—	—	—	2332	—	—
Number inspected	230	—	—	1787	853	—
<u>All Diseases except Tuberculosis</u>						
Whole carcasses condemned	—	—	—	2	1	—
Carcases of which some part or organ was condemned	19	—	—	2	22	—
Percentage of number inspected affected with diseases other than tuberculosis	8.26	—	—	.22	2.58	—

In addition to the special items which I have mentioned above, the routine work continued in connection with Scavenging, Food Hygiene Regulations, 1955, Milk and Dairies Regulations and other statutory requirements.

GENERAL

During the year regular inspections have been carried out as shown in the table below and appropriate action taken.

	Number of Inspections
Animal Keeping	5
Bakehouses	12
Dairies	12
Drainage Works	693
Dwelling Houses	1017
Infectious Diseases Inquiries	10
Food Poisoning Inquiries	-
Food Premises	370
Offensive Trades	1
Refuse Collection and Disposal	133
Rodent Control	7
Schools	-
Shops	-
Slaughterhouses and Meat Inspection	356
Smoke Control	-
Tents, Vans, Sheds, etc.	12
Verminous and Dirty Premises	2
Water Supplies	66
Factories and Workplaces	5
Other Inspections	329
TOTAL	3030

FACTORIES

The District is predominantly agricultural but there are a number of factories in the area, there being a total of 61 on the Register. These are varied in character and the principle industries are as follows:-

Engineering (Machine Tools)	Fancy Goods, Table Mats, etc.
Foundry (Heavy Engineering)	Outerwear (Making up)
Milling & Grain Drying	Scrap Sorting
Hosiery	Repair of Civil Engineering Plant
Worsted Yarn Spinning	Milk Bottling
Elastic Web	Beer Bottling
Ribbons	Pattern Making
Manufacturing Chemists	Woodworking & Sawmills
Motor Vehicle Repairs	Manufacture of Sausage, bread, etc.
Agricultural Engineering	Fellmonger
Blacksmiths	Extraction of Sand & Gravel
Aircraft Engineering	

Factories Acts 1937 and 1948

Premises	Number on Register	Inspections	Written Notices	Occupiers Prosecuted
Factories without Mechanical Power	1	Nil	Nil	Nil
Factories with Mechanical Power	56	7	Nil	Nil
Other Premises included under Act	4	Nil	Nil	Nil

In general the sanitary conditions in the factories in the district are good, particulars of defects found are set out below:-

Cases in which defects were found

Particulars of Defects	Found	Remedied	Referred		Number of cases in which prosecutions were instituted
			To H.M. Inspector	From H.M. Inspector	
Want of cleanliness	-	-	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate Ventilation	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary conveniences					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences	1	1	-	1	-
TOTAL	1	1	-	1	-

Fire Escape Certificates

Certificates under Section 34 of the Factories Act, 1937, are now issued by the Leicestershire & Rutland County Fire Service.

Outworkers

Section 110 Factories Act, 1937, requires the occupier of every factory to send to the District Council during the months of February and August each year, copies of a list showing all outworkers so employed by him during the preceding six months.

No case of infectious disease was noted at any of the addresses of these outworkers, and no case of work in unwholesome premises was noted.

Nature of Work	Outworkers employed by firms in District	Outworkers employed by firms outside District
Hosiery & Gloves	-	18

I am,

Yours obediently,

H. G. McNAUGHT

Engineer, Surveyor & Public Health Inspector.

